Please note that search-term pricing does apply when conducting ${\tt SmartSELECT}$ searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

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L1 STRUCTURE UPLOADED

=> d 11 L1 HAS NO ANSWERS L1 STR

Structure attributes must be viewed using STN Express query preparation.

=> s 11 SAMPLE SEARCH INITIATED 17:41:28 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS SEARCH TIME: 00.00.01 0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

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PROJECTED ITERATIONS: 93 TO 587
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

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FULL SEARCH INITIATED 17:41:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 183 TO ITERATE

100.0% PROCESSED 183 ITERATIONS 2 ANSWERS

SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

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 COST IN U.S. DOLLARS
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 TOTAL

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 191.54
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FILE 'CAPLUS' ENTERED AT 17:41:35 ON 07 JUN 2010
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FILE COVERS 1907 - 7 Jun 2010 VOL 152 ISS 24
FILE LAST UPDATED: 6 Jun 2010 (20100606/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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=> s 13 L4

3 L3

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Page 3 07/06/2010

- T. 4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN
- AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems.
- 2004:569555 CAPLUS AN
- 141:76328 DN
- Fluorescent monomers and tagged treatment polymers containing same for use TΙ in industrial water systems
- IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick G.; Reddinger, Jerry L.
- Nalco Company, USA PA
- SO U.S. Pat. Appl. Publ., 17 pp., Cont.-in-part of U.S. 6,645,428. CODEN: USXXCO
- DT Patent

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ran.	PATENI	NO.			KIN	D	DATE			API	PLICAT	ION	NO.			DATE	
PI	US 20040135125					2004			US	2003-	6587	15			20030		
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		RU,		SE,												J, UZ,	
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE							LE II	ΝI	SU	JS D	ISPL.	AY F	ORMA	T						

371239-15-5P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)

371239-15-5 CAPLUS RN

CN Ethanaminium, 2-[[2,3-dihydro-1,3-dioxo-2-(2-propen-1-y1)-1Hbenz[de]isoquinolin-6-yl]oxy]-N, N, N-trimethyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM

CRN 371239-14-4 CMF C20 H23 N2 O3

CM 2

CRN 16053-58-0 CMF C H3 O3 S

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN

- AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems.
- AN 2004:569554 CAPLUS
- DN 141:76327
- TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems
- IN Morris, John D.; Morrarty, Barbara E.; Wei, Mingli; Murray, Patrick G.; Reddinger, Jerry L.
- PA USA
- SO U.S. Pat. Appl. Publ., 16 pp., Cont.-in-part of U.S. 6,645,428.
- CODEN: USXXCO
- DT Patent
- LA English

FAN.	CNT 3				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20040135124	A1	20040715	US 2003-658648	20030909
				US 2000-560881 A2	20000427
	US 6645428	B1	20031111	US 2000-560881	20000427
	TW 570969	В	20040111	TW 2001-90109652	20010703
				US 2000-560881 A	20000427
	ZA 2002007690	A	20030925	ZA 2002-7690	20020925
				IIS 2000-560881 A	20000427

PATENT FAMILY INFORMATION:

FAN 2001:798496

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 141:76327

IT 371239-15-5P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

⁽fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)

RN 371239-15-5 CAPLUS

CN Ethanaminium, 2-[[2,3-dihydro-1,3-dioxo-2-(2-propen-1-yl)-1H-

benz[de]isoquinolin-6-yl]oxy]-N,N,N-trimethyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 371239-14-4 CMF C20 H23 N2 O3

CM 2

CRN 16053-58-0 CMF C H3 O3 S

THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

- L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN
- AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems. In many industrial water systems that employ polymers as water treatment agents it may be desirable to tag or mark such polymers to facilitate monitoring thereof.
- AN 2001:798496 CAPLUS
- DN 135:348686
- ΤI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems
- IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick Gerard; Reddinger, Jerry L.
- PA Ondeo Nalco Company, USA
- PCT Int. Appl., 93 pp. CODEN: PIXXD2 SO
- Patent
- LA English
- FAN.CNT 3

PATENT NO. KIND DATE APPLICATION NO. DATE

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			co,	CR.	CU,	CZ.	DE.	DK,	DM,	DZ,	EF	E. E:	5. FI.	GB,	GD,	GE	GH,	GM,		
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US	7601789	B2	20091013				
				US	2003-658715	A3	20030909

US 2003-658715 A3 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

S MARPAT 135:348686

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